Please amend claims 1-6, 8, 10-12 and 14-15 as follows:

1.   (Currently Amended) A method for displaying a dendrogram comprising the steps of:

clustering a plurality of biopolymers based on a set of gene expression data obtained by experiments under different conditions on the plurality of biopolymers, and displaying clustering results thereof in a form of a dendrogram in a display window;

selecting a subtree in the dendrogram in the display window; [[and]]

displaying the selected subtree [[on]]in a separate display window; [[thereby]]

grouping biopolymers in the selected subtree in the separate display window into at least one function group sharing a common one of functional characteristics including enzymatic, metabolic, transporting, and cell cycle functions; and

displaying said function group of biopolymers in the separate display window.

2.   (Currently Amended) A method for displaying a dendrogram according to claim 1, further comprising the steps of:

designating a different clustering method for said grouping step biopolymers included in the subtree displayed on the separate window; and

secondarily clustering the biopolymers included in the subtree according to the designated clustering method, and

displaying the secondarily clustering results thereof in a form of a dendrogram.

3.   (Currently Amended) A method for displaying a dendrogram comprising the steps of:

clustering a plurality of biopolymers based on a set of gene expression data obtained by experiments under different conditions on the plurality of biopolymers, and displaying clustering results thereof in a form of a dendrogram in a display window;

selecting a subtree in the dendrogram in the display window; [[and]]

replacing the selected subtree with an icon in the dendrogram thereby simplifying a presentation in the display window; [[thereby]]

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